

Conceptual Water Quality Management Plan (WQMP)

A conceptual WQMP must be accepted by the City Engineer prior to issuance of Final Conditions of Approval. A conceptually accepted WQMP shall be submitted to the Public Works Department as part of the grading submittal package. Applicants shall confer with the City's engineering staff to ensure adherence with the latest version of the Project-Specific WQMP Template. At a minimum, the following sections of the WQMP template shall be satisfied:

WQMP Section	Title of Section
I	Project Description
III	Pollutants of Concern
IV	Hydrologic Conditions of Concern (Surface Hydrology)
V.1	Site Design BMPs
V.3	Treatment Control BMPs
VI	Operation and Maintenance Responsibility for Treatment Controls
Appendix B	WQMP Site Plan (24"X36"), conceptual landscape plan (24"X36")
Appendix C	Supporting Detail related to Hydrologic Conditions of Concern (Surface Hydrology report)
Appendix E	Soil and Percolation Reports that specifically address soil infiltration properties
Appendix F	Treatment Control BMP Sizing Calculations and Design Details



WQMP REQUIREMENTS	Yes	No	Not Applicable
General		•	
Three-Ring Binder			
Tabbed Appendices			
Title Page			
Table of Contents			1
Section I. Project Description (in narrative form)			
Project location			
Project size (to the nearest 1/10 acre)			
Standard Industrial Classification (SIC) Code			
Description and location of all buildings, proposed activities, locations of these activities, materials and products to be used and stored for each activity and at each building, delivery areas, and what kinds of wastes will be generated from each building and the entire project			
Project watershed and sub-watershed			
Formation of a Home Owner's or Property Owner's Association			
 Additional permits/approvals required for the project including: State Department of Fish and Game, 1601 Streambed Alteration Agreement; State Water Resources Control Board, General Construction Permit; Regional Board, 401 Water Quality Certification; US Army Corps of Engineers, 404 permit; US Fish and Wildlife, Endangered Species Act section 7 biological opinion; Municipal, grading and building permits. 			
Section III. Pollutants of Concern (in narrative form)			
Completed table of potential and expected pollutants, sources, and 303(d) listings			
Pollutants of Concern			
Legacy pollutants as a result of past uses			
Section IV. Hydrologic Conditions of Concern (in narrative form)			
Condition A, B, or C.			
If none, evaluation of impacts to downstream erosion or stream habitat			
Completed Storm Event surface hydrology table			
Section V. Best Management Practices			
V1. Site Design BMPs			
Table 1. Site Design BMPs is complete			
Narrative describing all site design BMPs proposed for the project			



WQMP REQUIREMENTS	Yes	No	Not Applicable
Explanation for each BMP NOT used and why they cannot be implemented			
Site Design BMPs shown on the WQMP Site Plan (Appendix B)			
V3. Treatment Control BMPs			
Table 3. Treatment Control BMPs is complete			
Narrative describing all treatment control BMPs proposed for the project			
Narrative describing how each individual treatment control BMP proposed for the project will be implemented and maintained, including locations, sizing criteria, inspection and maintenance frequency, inspection criteria, long-term O&M, and the responsible entity or party			
Treatment Control BMPs shown on the WQMP Site Plan (Appendix B)			
Section VI. Operation and Maintenance (O&M) Responsibility for Treatment Control BMPs			
Completed cost and O&M table			
BMPs requiring O&M are identified			
BMP start-up dates			
Schedule of the frequency of O&M for each BMP			
Parties responsible for O&M			
Description of water quality monitoring, if required			
Appendix B			
Site Plan depicting the following project features:			
Location and identification of all structural BMPs			
Landscape areas			
Hardscape areas			
Paved areas			
Number and type of structures and intended uses. (i.e.: buildings, tenant spaces, dwelling units, community facilities such as pools, recreations facilities, tot lots, etc.)			
Infrastructure (i.e.: streets, storm drains)			
Location of existing and proposed public and private storm drainage facilities including catch basins and other inlet/outlet structures. (Existing and proposed drainage facilities should be clearly differentiated.)			
Any adjacent receiving waters that the project directly discharges into.			
Discharge points where onsite or tributary offsite flows exit the site.			



WQMP REQUIREMENTS	Yes	No	Not Applicable
Proposed drainage areas boundaries, including tributary offsite areas, for each BMP and locations where flows exit the site. (Each drainage area should be clearly denoted.)			
Post-project topography.			
Appendix C			
Surface Hydrology report			
Appendix E			
Property/project soils report and percolation test results			
Appendix F			
Treatment Control BMP sizing calculations and design details			
Manufacturers specs			

(End of Conceptual Acceptance Checklist)



Final Water Quality Management Plan (WQMP)

A finalized WQMP will include finalizing the conceptually accepted portions of the WQMP and acceptance by the City Engineer prior to issuance of any grading permits. A final WQMP shall include the remaining sections of the Project-Specific WQMP Template outlined below:

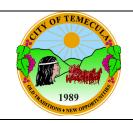
WQMP Section	Title of Section
II	Site Characterization
V.2	Source Control BMP's
V.4	Equivalent Treatment Control Alternatives
V.5	Regionally-based Treatment Control BMP's
VII	Funding
Appendix A	Final Conditions of Approval
Appendix B	Vicinity Map, Receiving Waters Map
Appendix D	Education Material
Appendix G	O&M Agreement
Appendix H	Phase 1 Environmental Site Assessment



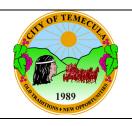
WQMP REQUIREMENTS	Yes	No	Not Applicable
Title Page			
Name of project with Tract, Parcel, or other I.D. number			
Owner/Developer name, address & telephone number			
Consulting/Engineering firm, address & phone number			
Preparer's Registered Professional Engineers' Stamp and Signature			
Date WQMP was prepared			
Certification Statements			
Signed Engineer's certification statement			
Signed and notarized Owner's certification statement			
Table of Contents			
Completed and includes all figures, appendices (A-H), and design worksheets			
Section I. Project Description (in narrative form)			
Project location			
Project size (to the nearest 1/10 acre)			
Standard Industrial Classification (SIC) Code			
Description and location of all buildings, proposed activities, locations of these activities, materials and products to be used and stored for each activity and at each building, delivery areas, and what kinds of wastes will be generated from each building and the entire project			
Project watershed and sub-watershed			
Formation of a Home Owner's Association or Property Owner's Association			
 Additional permits/approvals required for the project including: State Department of Fish and Game, 1601 Streambed Alteration Agreement; State Water Resources Control Board, General Construction Permit Regional Board, 401 Water Quality Certification; US Army Corps of Engineers, 404 permit; US Fish and Wildlife, Endangered Species Act section 7 biological opinion; Municipal, grading and building permits. 			
Section II. Site Characterization (in narrative form)	T	,	1
Land use designation or zoning			
Current and proposed property use			
Soils report (Appendix E)			
Phase 1 Site Assessment or summary of assessment or remediation (Appendix H)			
Identification of Receiving waters (including 303(d) listed waters, Designated beneficial uses, and any RARE beneficial use waters) and their existing impairments			



WQMP REQUIREMENTS	Yes	No	Not Applicable
Section III. Pollutants of Concern (in narrative form)			
Completed table of potential and expected pollutants, sources, and 303(d) listings			
Pollutants of Concern			
Legacy pollutants as a result of past uses			
Section IV. Hydrologic Conditions of Concern (in narrative form)	ı		T
Conditions A, B, or C.			
If none, evaluation of impacts to downstream erosion or stream habitat			
Completed Storm Event surface hydrology table			
Section V. Best Management Practices			
V1. Site Design BMPs			
Table 1. Site Design BMPs is complete			
Narrative describing all site design BMPs proposed for the project			
Explanation for each BMP NOT used and why they cannot be implemented			
Site Design BMPs shown on the WQMP Site Plan (Appendix B)			
V2. Source Control BMPs			
Table 2. Source Control BMPs is complete			
Narrative describing the source control BMPs proposed for the project			
Narrative describing the source control BMPs that were NOT applicable and why they cannot be implemented			
Inspection and maintenance frequency, inspection criteria, and the responsible entity or party			
Structural source controls shown on the WQMP Site Plan (Appendix B)			
V3. Treatment Control BMPs			
Table 3. Treatment Control BMPs is complete			
Narrative describing all treatment control BMPs proposed for the project			
Narrative describing how each individual treatment control BMP proposed for the project will be implemented and maintained, including locations, sizing criteria, inspection and maintenance frequency, inspection criteria, long-term O&M, and the responsible entity or party			
Treatment Control BMPs shown on the WQMP Site Plan (Appendix B)			
V4. Equivalent Treatment Control Alternatives			
Narrative describing equivalent treatment control alternatives			



WQMP REQUIREMENTS	Yes	No	Not Applicable
Calculations for Equivalent Treatment Control Alternatives (Appendix F)			
V5. Regionally-Based Treatment Control BMPs			
Narrative describing regionally-based treatment control BMPs			
Calculations for Regionally-Based Treatment Control BMPs (Appendix F)			
Section VI. Operation and Maintenance (O&M) Responsibility for Treatment Control BMPs			
Completed cost and O&M table			
BMPs requiring O&M are identified			
BMP start-up dates			
Schedule of the frequency of O&M for each BMP			
Parties responsible for O&M			
Description of water quality monitoring, if required			
Section VII. Funding	•	•	1
Signed funding certification statement			
Appendix A (Section I)	•	•	1
Signed copy of the final Conditions of Approval			
Appendix B (Sections I and V)	•	•	1
Vicinity Map identifying the project site			
Receiving Waters Map			
Site Plan depicting the following project features:		•	<u>'</u>
Location and identification of all structural BMPs.			
Landscape areas.			
Hardscape areas.			
Paved areas.			
Number and type of structures and intended uses. (ie: buildings, tenant spaces, dwelling units, community facilities such as pools, recreations facilities, tot lots, etc.).			
Infrastructure (ie: streets, storm drains).			
Location of existing and proposed public and private storm drainage facilities including catch basins and other inlet/outlet structures. (Existing and proposed drainage facilities should be clearly differentiated.)			



WQMP REQUIREMENTS	Yes	No	Not Applicable
Any adjacent receiving waters that the project directly or indirectly discharges into.			
Discharge points where onsite or tributary offsite flows exit the site.			
Proposed drainage areas boundaries, including tributary offsite areas, for each location where flows exit the site. (Each tributary area should be clearly denoted.)			
Post-project topography, including flow lines showing surface and subsurface drainage paths into and from each BMP.			
Landscape Plans showing the location of each structural treatment BMP.			
Irrigation system layout showing sprinkler locations. (Ensure irrigation system is not designed to saturate the BMPs nor generate over-irrigation runoff).			
Appendix D (Section V)			
Educational materials.			
Appendix G (Sections I and VI)			
CC&Rs, Covenant and Agreements, or other mechanisms used to ensure the ongoing operation, maintenance, funding, and transfer of the WQMP requirements			
Appendix H (Section II)			
Summary of environmental site assessment or remediation, if applicable.			

(End of Final Acceptance Checklist)